



Department of Energy
 Yucca Mountain Site Characterization
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WBS 1.2.9.3
 QA

JAN 04 1991

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CLOSURE OF STANDARD DEFICIENCY REPORT (SDR) 515, REVISION 0, RESULTING FROM YUCCA MOUNTAIN QUALITY ASSURANCE DIVISION AUDIT 90-01 OF LOS ALAMOS NATIONAL LABORATORY

SDR 515, Revision 0, has been closed based on satisfactory verification of completed corrective actions. A copy of the SDR is enclosed for your files.

If you have any questions, please contact either Catherine E. Hampton at (702) 794-7973 or FTS 544-7973, or Donald G. Harris of Science Applications International Corporation at (702) 794-7356 or FTS 544-7356.

Catherine E. Hampton
 Donald G. Horton, Director
 Yucca Mountain Quality Assurance Division

YMQAD:CEH-1428

Enclosure:
 SDR 515, Revision 0

cc w/encl:
 K. R. Hooks, NRC, Washington, DC
 J. L. Day, LATA, Los Alamos, NM
 H. P. Nunes, LANL, Los Alamos, NM
 S. W. Zimmerman, NWPO, Carson City, NV
 N. J. Brogan, SAIC, Las Vegas, NV, 517/T-08

cc w/o encl:
 J. H. Hines, OGD, AL
 A. R. Chernoff, MSD, AL
 H. E. Valencia, LAAO
 J. W. Gilray, NRC, Las Vegas, NV
 R. A. Morley, LANL, Los Alamos, NM

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ORIGINAL

THIS IS A RED STAMP
N-QA-038
4/89

YMPO STANDARD DEFICIENCY REPORT

Completed by Originating QA Organization	1 Date 3-29-90		2 Severity Level <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3		Page 1 of 23
	3 Discovered During Audit 90-1		3a Identified By R.L. Maudlin		4 SDR No. 515 Rev. 0
	5 Organization Los Alamos		6 Person(s) Contacted T. Moran, S. Sebring		7 Response Due Date is 20 Working Days from Date of Transmittal
	8 Requirement (Audit Checklist Reference, if Applicable) TWS-QAS-QP-04.1, R2, Para. 6.4 states in part: "The requestor supplements the PR with additional documentation...the requestor particularly considers the following points and requires only those that are appropriate..."				
Completed by Organization in Block 5	9 Deficiency No modification has been made to the existing Lawrence Berkeley contract to describe rights of access by DOE, pass-through of QA requirements to sub-tier contractors, and control of supplier-issued nonconformances.				
	10 Recommended Action(s): <input checked="" type="checkbox"/> Remedial <input checked="" type="checkbox"/> Investigative <input checked="" type="checkbox"/> Corrective Identify the remedial actions to be taken to correct the deficiencies noted in Block 9. Investigate the program, process, activities, or documentation to				
	11 QAE/Lead Auditor/Date <i>E. Maudlin 04-11-90</i>		12 Division Manager/Date N/A ^{QA 4-12-90}		13 Project Quality Mgr./Date <i>[Signature] 4-12-90</i>
	14 Remedial/Investigative Action(s) <i>Refer to Page 3 of 3</i>				
Completed by Org. QA Org.	16 Cause of the Condition & Corrective Action to Prevent Recurrence <i>Refer to Page 3 of 3</i>				
	18 Signature/Date <i>[Signature] 5/18/90</i>				
	19 Response Accepted		QAE/Lead Auditor/Date <i>[Signature] 5-29-90</i>	Division Manager/Date N/A	Project Quality Mgr./Date <i>[Signature] 5-30-90</i>
20 Corrective Action Verif. Satisfactory		QAE/Lead Auditor/Date <i>[Signature] 12-18-90</i>	Division Manager/Date N/A	Project Quality Mgr./Date <i>[Signature] 12/19/90</i>	
21 Remarks <i>Response 7/17/90 - TWS-EES-13-05-90-066 Accept Response YMP:CEH-3552, 6-5-90 Extension Request 10/5/90 - TWS-EES-13-10-90-054 - Accepted 11/7/90 - QA:CEH-693 Block 20 CLOSURE STATEMENT ATTACHED - [Signature] 12/18/90</i>					
22 QA CLOSURE		QAE/Lead Auditor/Date <i>[Signature] 12/18/90</i>	Division Manager/Date N/A	PQM/Date <i>[Signature] 12/19/90</i>	

ENCLOSURE

YMPO STANDARD DEFICIENCY REPORT
CONTINUATION SHEET

N-QA-038
2/89

SDR No. 515

Page 2 of 2 ~~2~~

8 Requirement (continued)

right-of-access provision which allows designated Los Alamos and Department of Energy (DOE) personnel entry to suppliers facilities...Subcontracting Requirements...Any subcontracts must include a pass-through of appropriate QA requirements...Control of supplier-issued nonconformances...".

10 Recommended Actions (continued)

determine the extent and depth of similar deficient conditions to those listed on the SDR. Identify these deficiencies and provide the measures required to correct them. Identify the cause of the condition and the planned action to prevent recurrence.

14. Remedial/Investigative Actions

Remedial Actions: The Lawrence Berkeley Laboratory procurement will be modified to include provisions for DOE right of access, subcontractor pass through requirements, and nonconformance reporting.

Investigative Actions: All service procurements will be reviewed by the appropriate QAL to ensure that the appropriate contractual commitments have been made. Each QAL will issue a written report of the review, including copies of the revised scope of work where appropriate.

16. Cause of the Condition and Corrective Action to Prevent Recurrence

Cause of the Condition: The LANL staff has failed to modify the existing contracts to include the new Yucca Mountain Project contractual commitments.

Corrective Action to Prevent Recurrence: The LANL implementing procedure for preparation of procurements for services will be revised. The revision will require the use of standard language to cover these specific Yucca Mountain requirements and a method for QAL verification that this standard language is included in all procurements for special services.

Block 20, Corrective Action Verification

1. Verified the purchase document scope of work for Lawrence Berkeley Laboratory was revised on November 16, 1990. Section 4, Quality Assurance, contains the following provision:

All work performed under this study will be carried out under the LANL-YMP Quality Assurance Program, as embodied in the LANL-YMP QA Manual. The LANL-YMP QA Manual consists of the Quality Assurance Plan, its implementing procedures, and detailed technical procedures. All work will be conducted under appropriate procedures, as applicable, defined by the LANL-YMP Principle Investigator for the Solubility Task. The contractor shall maintain a Resident File for QA records. The contractor shall submit to audits and surveys conducted by both LANL and the DOE and/or its designee. Any subcontracts must contain applicable LANL-YMP QA requirements and must be approved by LANL.

2. Verified the review of Service Procurement documents were reviewed by a QAL to ensure appropriate contractual commitments were made.

Letter TWS-EES-13-LV-12-90-06, R. Morley, QAL, to H. Nunes, subject: Review of service procurement packages for SDR 515, dated December 10, 1990, Golden Associates Incorporated, University of Colorado and University of New Mexico were determined to be satisfactory in regards to the QA requirements.

Letter, TWS-INC-7-12-90-01, T. Morgan, QAL, to H. Nunes, subject: Review of INC Division service procurements which included Lawrence Berkeley Laboratory, HydroGeo Chem and Stanford University, dated December 11, 1990. The Lawrence Berkeley Laboratory is being reissued, the Hydro Geo Chem is currently being re-bid with a revised scope of work, which includes the appropriate Quality Assurance requirements in Section 7.0.

A letter TWS-INC-7-12-90-02, A. Meijer to B. Holden, Subject: Modification of contract with Stanford University, dated December 11, 1990. This letter requested a minor modification of purchase document in order to be in full compliance with the QA requirements. The proposed New Task 7 of the scope of work contains the appropriate QA requirements.

3. Verified by review of LANL-YMP-QP-04.5, Revision 0, Procurement of Noncommercial Grade Items and Services, effective date December 10, 1990. That the appropriate QA Program requirements are specified in Section 6.1.1.1 thru 6.1.1.6, 6.1.2 and 6.1.3. Section 6.3 requires a QAL review and concurrence of the QA requirements prior to submittal for final authorization.

W. J. Harris
12-18-90